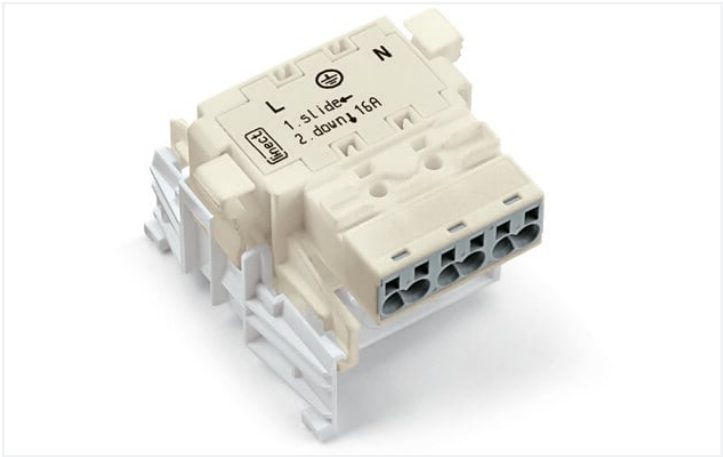
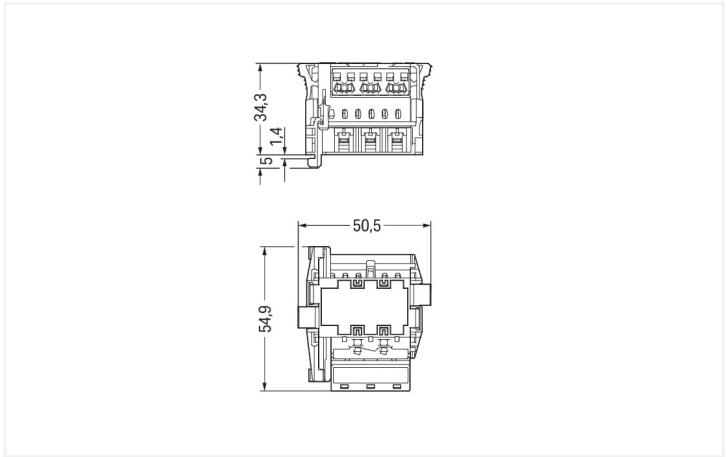




Color: white



Dimensions in mm

Distribution connector WINSTA® MIDI 3-pole

When using the distribution connector from the WINSTA® MIDI product line with protection against mismating, straightforward installation is guaranteed. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to an enormous variety of requirements in next to no time. A comprehensive range of accessories rounds out the WINSTA® product line from WAGO. For greater security in electrical installations, the field-wiring terminal block with Linect® is provided with mechanical protection against mismating. The field-wiring terminal block with Linect® is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with electrified contact elements. The Linect® interface guarantees straightforward installation of lights with various pluggable connection systems. Important parameters in the selection of a field-wiring terminal block with Linect® are the rated current and voltage: They provide information about possible domains of use and applications. This product has a current rating of 25 A – therefore it is suitable for powerful loads. Our WINSTA® MIDI product line guarantees total flexibility for the electrical installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it ensures time-saving, error-free installation and offers customization and flexibility for meeting various installation requirements.

Push-in CAGE CLAMP® spring pressure connection technology – pluggable installation instead of laborious screw connections!

WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Now you can also reduce installation costs without compromising quality and safety: The WINSTA® MIDI field-wiring terminal blocks with linect® with locking lever reduces the need for servicing and prevents unnecessary downtime.

- pre-assembled versions
- rapid, structured electrical installation

Electrical data					Ratings per IEC/EN 2	
Ratings per		IEC/EN 60664-1			Ratings per IEC/EN 2	
Overvoltage category		III	III	II	Rated current 2	16 A
Pollution degree		3	2	2		
Nominal voltage		250 V	-	-		
Rated surge voltage		4 kV	-	-		
Rated current		25 A	-	-		
Approvals per		UL 1977			General information	
Rated voltage		600 V			Note on contact resistance	approx. 1 mΩ of contact resistance
Rated current		23 A				approx. 0.25 mΩ contact transition plug/ socket

Connection data

Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Connection technology	Push-in CAGE CLAMP®
		Nominal cross-section	4 mm² / 12 AWG
		Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
		Solid conductor; push-in termination	1.5 mm² / 16 AWG
		Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG
		Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm² / 20 ... 16 AWG
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 2.5 mm² / 20 ... 14 AWG
		Fine-stranded conductor; with ferrule; push-in termination	1.5 mm² / 16 AWG
		Pole number	3

Physical data

Pin spacing	10 mm / 0.394 inches
Width	50.5 mm / 1.988 inches
Height	40.8 mm / 1.606 inches
Depth	54.9 mm / 2.161 inches

Mechanical data

Technology	Linect
Variable coding	No
Marking	L N
Potential marking	L N
Mating force of a plug-in connection	Approx. 20 ... 70 N (depending on pole number)
Retention force of a plug-in connection	When locked: > 80 N
Unmating force of a plug-in connection	Unlocked: approx. 20 ... 70 N (depending on pole number)
Number of mating cycles	200, without resistive load
Type of distribution box	Linect® T-connector
Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)

Plug-in connection

Mismatching protection	Yes
Note on mismatching protection	All WINSTA® components are 100% protected against mismatching when: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered d.) plugging one pole
Locking lever	Yes
Locking of plug-in connection	Locking lever
Note on locking system	All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).



Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	0.604 MJ
Weight	24.7 g

Environmental requirements	
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... +85 °C
Note on continuous operating temperature	Insulating parts for temperatures ≤ 105 °C

Commercial data	
Product Group	20 (Winsta)
eCl@ss 10.0	27-44-06-02
eCl@ss 9.0	27-44-06-02
ETIM 8.0	EC002566
ETIM 7.0	EC002566
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821621928
Customs tariff number	85366990990

Environmental Product Compliance	
CAS-No.	131651-65-5 144317-44-2 220133-51-7 220689-12-3 25628-08-4 29420-49-3 375-73-5 503155-89-3 507453-86-3 68259-10-9
REACH Candidate List Substance	Perfluorobutane sulfonic acid (PFBS) and its salts
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c) 7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	02afc781-ef37-4d62-8a5c-f7b15495631e
SCIP notification number (Belgium)	d042fa8d-c877-4e5a-a196-bbd1a9718513
SCIP notification number (Bulgaria)	aacac945-6357-4fb4-a3b1-f384f97debd5
SCIP notification number (Czech Republic)	d04c5957-0b8a-4a8d-9f41-9165a26d9536
SCIP notification number (Denmark)	742df261-62e8-45f6-89c7-92ac02d9fccf
SCIP notification number (Finland)	b406a6c7-ca9a-460e-aa08-904a5c712051
SCIP notification number (France)	1d29337f-30ea-4d06-b401-797c5d686671
SCIP notification number (Germany)	f4a2d167-c1fd-4bd2-969c-8572593911c0
SCIP notification number (Hungary)	5fe139d3-423c-4c54-b496-21901d53ee1a
SCIP notification number (Italy)	3472d882-abbf-4c60-81bb-5a4d8c603088
SCIP notification number (Netherlands)	23db735e-d383-476f-b263-ac8226172a18
SCIP notification number (Poland)	b70e8e52-2a74-48f8-8243-e5f9ec1379ab
SCIP notification number (Romania)	89185805-a522-4cb7-a317-36cf17bbb719



Environmental Product Compliance

SCIP notification number (Sweden)7f455865-9229-4e4c-b754-2ff67fbd3cb0

Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 770-6229			↓

Documentation

Bid Text			
770-6229	19.02.2019	xml 3.96 KB	↓
770-6229	24.01.2019	doc 26.50 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 770-6229	↓

CAE data	
WSCAD Universe 770-6229	↓